



Dictionary of Computing

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operation**IF expression**

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image dissector

extended

IF expression An expression in a procedure used to test for a condition. The action performed by the procedure depends on the result of the test.

I-field bytes Data within the information field of a transmit or receive sequenced data frame.

I format Information format.

IFP IMS/VS Fast Path.

I frame Information frame.

IF statement (1) A conditional statement that specifies a condition to be tested and the action to be taken if the condition is satisfied. (T) (2) A statement used for conditional statement execution. IF is always followed by a THEN clause and optionally, an ELSE clause. (3) In C language, a conditional statement that contains the keyword IF, followed by an expression in parentheses (the condition), a statement (the action), and an optional else clause (the alternative action).

IF-THEN element Synonym for IF-THEN gate.

IF-THEN gate A logic element that performs the Boolean operation of implication. (T) Synonymous with IF-THEN element.

IF-THEN operation Synonym for implication.

if-then rule A formulated rule which specifies a logical relationship among a set of facts and which consists of an "if" part representing the premise or condition and a "then" part representing the goal or action to be taken when the "if" part is true. (T)

if-then statement Synonym for if-then rule. (T)

IGC See ideographic.

IGES (Initial Graphics Exchange Specification) An industry-standard graphic file format for computer-assisted design (CAD) programming, defined by the American National Standards Institute (ANSI).

ignore character (1) Synonym for cancel character. (2) See block ignore character.

IGS Interchange group separator.

ILBT Interrupt level branch table.

I-list In an AIX Base Operating System file system, blocks 2 through n, containing structures (i-nodes) that relate a file to the data blocks or disk. The size of the I-list depends on the size of the mounted file system. See also i-node, superblock.

illegal character (1) A character or combination of bits that is not valid according to some criteria; for example, with respect to a specified alphabet, a character that is not a member. (A) (2) Contrast with forbidden combination.

ILU Initiating logical unit.

image (1) An electronic representation of a picture produced by means of sensing light, sound, electron radiation, or other emanations coming from the picture or reflected by the picture. An image can also be generated directly by software without reference to an existing picture. See also page image. (2) An electronic representation of an original document recorded by a scanning device. (3) In a document copying machine, a faithful likeness of the subject matter of the original. (T) (4) In multimedia applications, a still picture or one frame. (5) In the IBM ImagePlus system, a single page of information; the result of scanning, or digitizing, a single sheet of paper.

image area (1) In micrographics, the part of the film frame reserved for an image. (A) (2) In computer graphics, synonym for display space.

image block A structure that contains the raster pattern and instructions for placing the pattern on a page.

image cache In the AIXwindows program, a means of associating an image with a name. Once this association is in place, the appropriate AIXwindows subroutines can generate pixmaps through references to an .Xdefaults file, by name, and through an argument list, by pixmap.

image cell A portion of an image that can be replicated to fill a defined area.

image content Image data and its associated image data parameters.

image copy (1) An exact reproduction of all or part of an image. (2) In the DB2 program, the exact reproduction of all or part of a table space. DB2 provides utilities to make full image copies or incremental image copies.

image data (1) Digital data derived from electrical signals that represent a visual image. See binary image data, gray-scale image data, thresholding. (2) In the ImagePlus program, rectangular arrays of raster information that define an image.

image dissector In optical character recognition, a mechanical or electronic transducer that sequentially detects the level of light intensity in different areas of a completely illuminated sample space. (A)